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## ABSTRACT

The system automatically generates electronic commands necessary to modify or provision different types of program control switches as may be included in a public switch telephone network. A data schema and organization of tables and data structures provide for command generation for each of the different switch types. Additionally, a self-modifying dynamic data structure is used as a common area to communicate information between various programs and formulate the commands due to a limited number of parameters used to communicate information between programs that generate the command for the switches. A technique for verifying switch commands automatically generated by a second new provisioning system is described. A technique is described for automatically extracting switch specific commands and options as generated by a first system for use in populating data stores used in a second system for command generation.